

June 15, 1994

Mr. Warren Dixon  
USEPA  
Region IV  
Waste Management Division  
345 Courtland Street, N.E.  
Atlanta, GA 30365

Dear Warren,

Enclosed are some documents that Mike Klender requested that I send to you regarding the Westgate Mobile Home Park and Exide Battery. These documents include the results of the soil samples collected at the mobile home park in January and March of 1992 by Mary Anderson of the SCDHEC Appalachia II District EQC, a map showing the locations of the monitoring wells and extraction wells on and around the Exide plant site, DHEC's proposed soil sample locations for the Westgate Mobile Home Park prepared by Harold Seabrook and his staff, and the locations on and downgradient of the Exide plant site that myself and Mike have discussed with Mr. Jeffrey Leed, a consultant for Exide Corporation, as possible soil sample locations for a round of soil sampling to be conducted by Exide.

I will be contacting someone in our Appalachia II District EQC office to obtain the name, address and phone number for the owner of the Westgate Mobile Home Park. I should be able to get the names and addresses of the residents from the park owner. Also, I believe that Dr. Marino is going to set-up the same lead level blood screening that was done at Sunnyside using a Public Health District nurse. We will keep you informed of our progress in these areas.

If I can be of any assistance in this matter please feel free to phone me at (803) 734-4705.

Sincerely,

*Carol C. Minsk*

Carol C. Minsk, Hydrogeologist  
Superfund Section  
Division of Hydrogeology  
Bureau of Solid and Hazardous  
Waste

cc: Mike Klender, SCDHEC



10852408



Commissioner: Douglas E. Bryant

Board: Richard E. Jabbour, DDS, Chairman  
Robert J. Stripling, Jr., Vice Chairman  
Sandra J. Molander, Secretary

*Promoting Health, Protecting the Environment*

William E. Applegate, III,  
John H. Burness  
Tony Graham, Jr., MD  
John B. Pate, MD

### INFORMATION OF LEAD TESTING

South Carolina Department and Environmental Control (SCDHEC) is offering free lead testing to all adults and children who live within the Westgate Mobile Home Park. For your convenience, DHEC will be providing this service in a our mobile office. It will be located within the mobile home park, at the following dates and times:

<u>Date</u>	<u>Time</u>
June 29, 1994	7:30 am - 10:00 am
June 30, 1994	3:00 pm - 6:00 pm

A public health nurse from the Greenville Health District Office will be available to collect a blood sample from you. You will also be asked to complete a brief questionnaire.

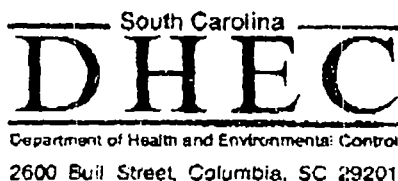
No appointment is necessary. People will be taken on a first come, first serve basis. However, please leave the early morning and late afternoon hours for those people who work all day.

Your results and their interpretation will be mailed to your as soon as possible. Please allow at least 2 - 3 weeks after the blood test to receive your results.

Sincerely,

*Robert F. Marino, MD, MPH*

Robert F. Marino, MD, MPH  
Director  
Division of Health Hazard Evaluation  
737-4170



Commissioner: Douglas E. Bryant

Board: Richard E. Jabbour, DDS, Chairman  
Robert J. Stripling, Jr., Vice Chairman  
Sandra J. Molander, Secretary

*Promoting Health, Protecting the Environment*

William E. Applegate, III,  
John H. Burris  
Tony Graham, Jr., MD  
John B. Pate, MD

June 23, 1994

To: Residents of Westgate Mobile Home Park

The South Carolina Department of Health and Environmental Control (DHEC) and the United States Environmental Protection Agency (EPA) would like to inform you that we will be in the Westgate Mobile Home Park for approximately 2-3 days beginning June 29, 1994 to collect soil samples from your yards. The soil samples that are collected will be tested for lead content.

The reason that DHEC and EPA are collecting soil samples from the mobile home park is to follow up on some soil samples previously collected in the park by DHEC; two of those three soil samples had elevated levels of lead. We are returning to the mobile home park to collect a number of soil samples and determine if lead levels in the soils are high enough to pose a health concern.

The only way that you or your families could be exposed to lead in the soils would be through inhaling the soil or swallowing the soil. If after reading this notice you are concerned about possible exposure of yourself or your children, you may have a lead test done to determine the level of lead in your blood. DHEC and EPA will be offering free lead tests to all adults and children who live within the park. Details about the lead testing are provided on the attached sheet.

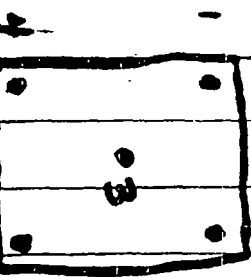
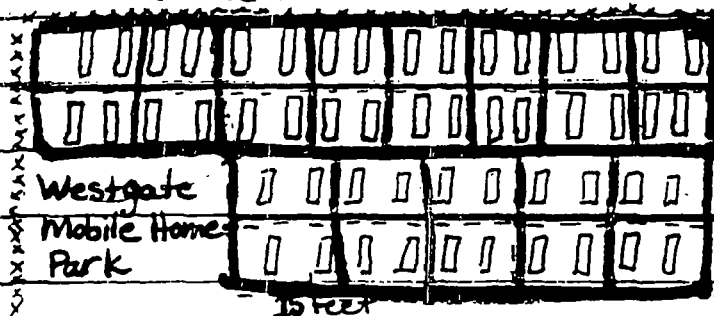
If you have questions about the soil sampling in the Westgate Mobile Home Park please feel free to speak with the DHEC and the EPA representatives on the site during the sampling. If you prefer, you may call the DHEC office and speak with Mike Klender (803) 734-5471 or Carol Minsk (803) 734-4705 or call the EPA office and speak with Warren Dixon (404) 347-3931.

HOMELINK  
TEXTRON

Westgate  
Mobile Home  
Park

15 feet

RunCombe Road



EXIDE doesn't  
sample.

To Be  
Sampled  
by EXIDE

EXIDE BATTERY

Chick Springs Rd.



Large  
Open  
Lot

BiLo Grocery

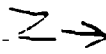
Hot spot - 800 ppm

App. II has collected soil  
samples from this street

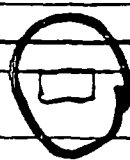
No samples have been collected  
from this street

--- Proposed Sample Quadrants  
Trailers are approx. 15 feet apart

KFC  
Rest.



Resident complaint  
Proposed Sample  
Location



Residential Area

Highway 29

Greenville →

**MEMORANDUM**

**JUNE 15, 1994**

**TO:** Mike Klender,  
Site Screening Engineering

**FROM:** Arlene Williams ( For Harold Seabrook *ABW*  
Waste Assessment Section

**SUBJECT:** Exide Battery Samples

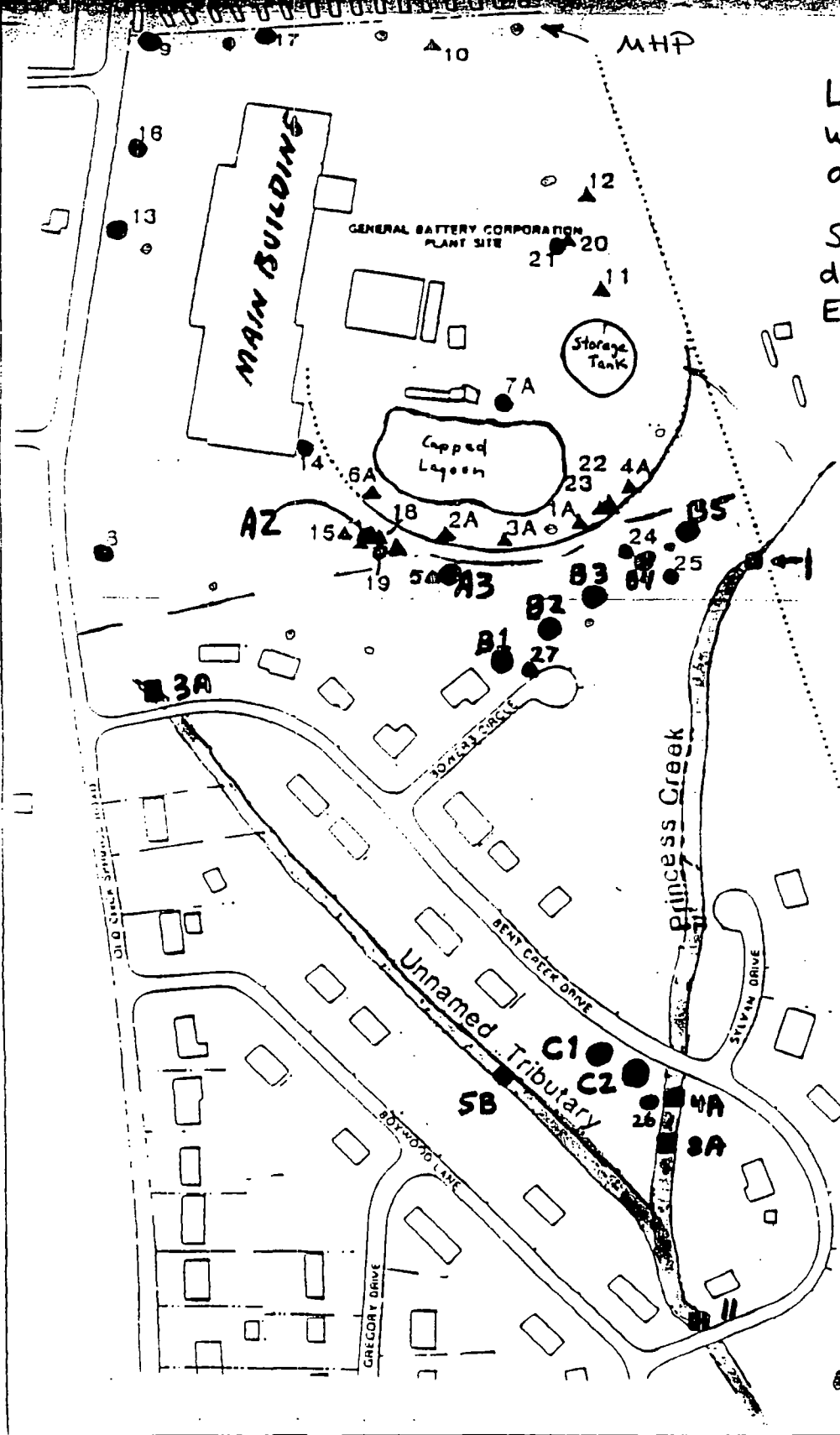
Please find attached, a sketch identifying the sample locations as we discussed with Harold Seabrook. Within the mobile home park a total of thirteen samples should be collected. One composite sample should be collected within each outlined square. The composite sample should consist of five sample locations within the square. ( Please see the marked sketch ).

In the residential area we have marked one resident. The remaining two residents in this sketch should be sampled by Exide Battery. If Exide Battery does not sample these residents, the residents should be included in EPA sampling. The resident which filed a complaint and the large open lot will also be sampled. The sample depths will be between 0 and two feet, as decided upon by EPA.

If you have questions or comments, please contact Harold seabrook a 4-5183.

AW:aw

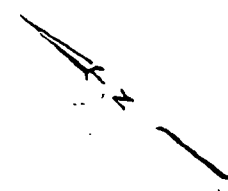
cc: Mary Anderson, Appalachia II  
Harold Seabrook



Locations of wells on and around Exide  
 +  
 Soil Sample locations discussed with Exide.

- LEGEND (monitor)**
- Well and Number for Continued Use
  - ▲ Capped Well and Number
  - Recovery Well
  - Surface Water Monitoring Station

SCALE 0 360 FEET



General Locations discussed with Exide as possible soil sample locations for pH and Pb.

Exide Lead Sampling Results- ug/m3  
(quarterly averages)

revised 3-07-94

	Station #1	Station #2	Station #3	Station #4	Station #5
2nd Quarter 92	0.24	0.13	0.32	0.11	0.12 (0.045)
3rd Quarter 92	0.57	0.32	0.63	0.19	0.24 (0.156)
4th Quarter 92	0.42	0.15	0.37	0.20	0.16 (0.086)
1st Quarter 93	0.40	0.19	0.62	0.32	0.33 (0.178)
2nd Quarter 93	0.98	0.35	0.22	0.47	0.14 (0.057)
3rd Quarter 93	0.91	0.59	1.10	0.26	0.39 (0.167)
4th Quarter 93	0.47	0.36	1.18	0.18	0.16 (0.116)

These stations have been running on a 3 day schedule since early 1992. The results are averaged on a quarterly basis. The Federal Standard for air-borne lead is 1.5ug/m3 - averaged over a quarter. The laboratory analyses for stations 1-4 are performed by Exide. The station #5 sample is split between Exide and SCDHEC Air Quality. SCDHEC's results are in the ( ).

The Greer TSP Station (results performed by SCDHEC BAQ) has been used for measuring the background levels of air-borne lead.

2nd Quarter 92- 0.007 ug/m3

3rd Quarter 92- 0.013 ug/m3

4th Quarter 92- 0.013 ug/m3

1st Quarter 93- 0.012 ug/m3

2nd Quarter 93- 0.022 ug/m3

3rd Quarter 93- 0.030 ug/m3

4th Quarter 93- 0.014 ug/m3

**MEMORANDUM**

DATE: March 4, 1992

TO: File  
Exide Corporation  
Greenville County

FROM: Mary Anderson *MA*  
Appalachia II EQC

RE: Soil Sampling  
Westgate Mobile Home Park

RECEIVED

APR 12 1994

S. C. Dept. of Health & Environmental  
Control-Bureau of Solid & Hazardous  
Waste Management

On March 3, 1992, the writer collected soil samples from the Westgate Mobile Home Park adjacent to the Exide Corporation. Three samples were collected for TCLP metals in response to results of total metals samples collected on January 28, 1992. Results of the earlier samples indicated lead levels of 270 ppm, 560 ppm, and 800 ppm at Stations 1, 2, and 3 respectively (see attached sketch). The samples submitted for TCLP analysis were collected at the same depth (1 to 3 inches) and adjacent to the previous sample locations.

cc: Doug Blansit, Health Hazard Evaluation  
Harold Seabrook, BSHWM

BLANST  
Sent 4-22-92

An "X" in the small column indicates  
test requested

Remarks: PLEASE RUN TCLP  
ON ALL SAMPLES  
RECEIVED  
JUN 20 1992

APR 20 1992  
EQ. GILLVILLE

White - Program; Pink - Program; Yellow - Lab

\*\*\*\*\*  
 \* SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
 \* ANALYTICAL SERVICES DIVISION LABORATORY REPORT  
 \*\*\*\*\*

SAMPLE NUMBER : 0303928463  
 CHARGE NUMBER : RC  
 COLLECTED BY : M ANDERSON  
 COUNTY : GREENVILLE  
 SAMPLE DESCRIPTION : WESTGATE MHP

THURSDAY APRIL 16TH, 1992  
 RELEASE DATE : 04/16/92 13:54:40  
 DT COLLECTED : 03/03/92 10:40:00  
 SAMPLE MEDIUM : WATER  
 STATION CODE : 1

ANALYSIS	STORET	RESULT
ARSENIC MG/L	79741	<0.005
MERCURY MG/L	79729	<0.0002
BARIUM MG/L	79733	0.22
CADMIUM MG/L	79734	0.010
CHROMIUM MG/L	79735	<0.01
LEAD MG/L	79736	0.14
SILVER MG/L	79737	<0.03
SELENIUM MG/L	79737	<0.005

COMMENTS:

RECEIVED  
 APR 20 1992  
 EQG GREENVILLE

\*\*\*\*\*  
 \* SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
 \* ANALYTICAL SERVICES DIVISION LABORATORY REPORT  
 \*\*\*\*\*

SAMPLE NUMBER : 0303928464  
 CHARGE NUMBER : RC  
 COLLECTED BY : M ANDERSON  
 COUNTY : GREENVILLE  
 SAMPLE DESCRIPTION : WESTGATE MHP

THURSDAY APRIL 16TH, 1992  
 RELEASE DATE : 04/16/92 13:54:40  
 DT COLLECTED : 03/03/92 10:50:00  
 SAMPLE MEDIUM : WATER  
 STATION CODE : 2

ANALYSIS	STORET	RESULT
ARSENIC MG/L	79741	<0.005
MERCURY MG/L	79729	<0.0002
BARIUM MG/L	79733	0.36
CADMIUM MG/L	79734	<0.010
CHROMIUM MG/L	79735	<0.01
LEAD MG/L	79736	0.20
SILVER MG/L	79737	<0.03
SELENIUM MG/L	79737	<0.005

COMMENTS:

RECEIVED  
 APR 20 1992  
 1045 GREENVILLE

\*\*\*\*\*  
 \* SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
 \* ANALYTICAL SERVICES DIVISION LABORATORY REPORT  
 \*\*\*\*\*

SAMPLE NUMBER : 0303928465  
 CHARGE NUMBER : RC  
 COLLECTED BY : M ANDERSON  
 COUNTY : GREENVILLE  
 SAMPLE DESCRIPTION : WESTGATE MHP

THURSDAY APRIL 16TH, 1992  
 RELEASE DATE : 04/16/92 13:54:40  
 DT COLLECTED : 03/03/92 11:05:00  
 SAMPLE MEDIUM : WATER  
 STATION CODE : 3

ANALYSIS

	STORET	RESULT
ARSENIC MG/L	79741	<0.005
MERCURY MG/L	79729	<0.0002
BARIUM MG/L	79733	0.12
CADMIUM MG/L	79734	<0.010
CHROMIUM MG/L	79735	<0.01
LEAD MG/L	79736	0.32
SILVER MG/L	79737	<0.03
SELENIUM MG/L	79737	<0.005

COMMENTS:

APR 16 1992  
 11:05 AM  
 11:05 AM

Commissioner: Michael D. Jarrett

Board: John B. Pate, MD, Chairman  
William E. Applegate, III, Vice Chairman  
John H. Burriss, Secretary

Toney Graham, Jr., MD  
Richard E. Jabbour, DDS  
Henry S. Jordan, MD  
Currie B. Spivey, Jr.

Promoting Health, Protecting the Environment

MEMORANDUM

DATE: January 31, 1992

TO: File  
Exide Corporation  
Greenville County

FROM: Tommy Hyde *TH*  
Mary Anderson *MA*  
Appalachia II EQC

RE: Soil Sampling  
Westgate Mobile Home Park

On January 28, 1992, the writers collected soil samples from the Westgate Mobile Home Park adjacent to the Exide Corporation in response to a recommendation in the Exide Health Assessment. The samples were collected to determine off-site metals concentrations. Three soil samples were collected from 1 to 3 inches below the surface and were submitted to be analyzed for the eight RCRA metals (except mercury and silver) and other selected metals, including antimony. The attached sketch indicates the locations of the samples.

cc: Doug Blansit, Health Hazard Evaluation

*Confirmed Doug BLANSIT on 2-25-92  
and TID of RESULTS  
T.Hyde*

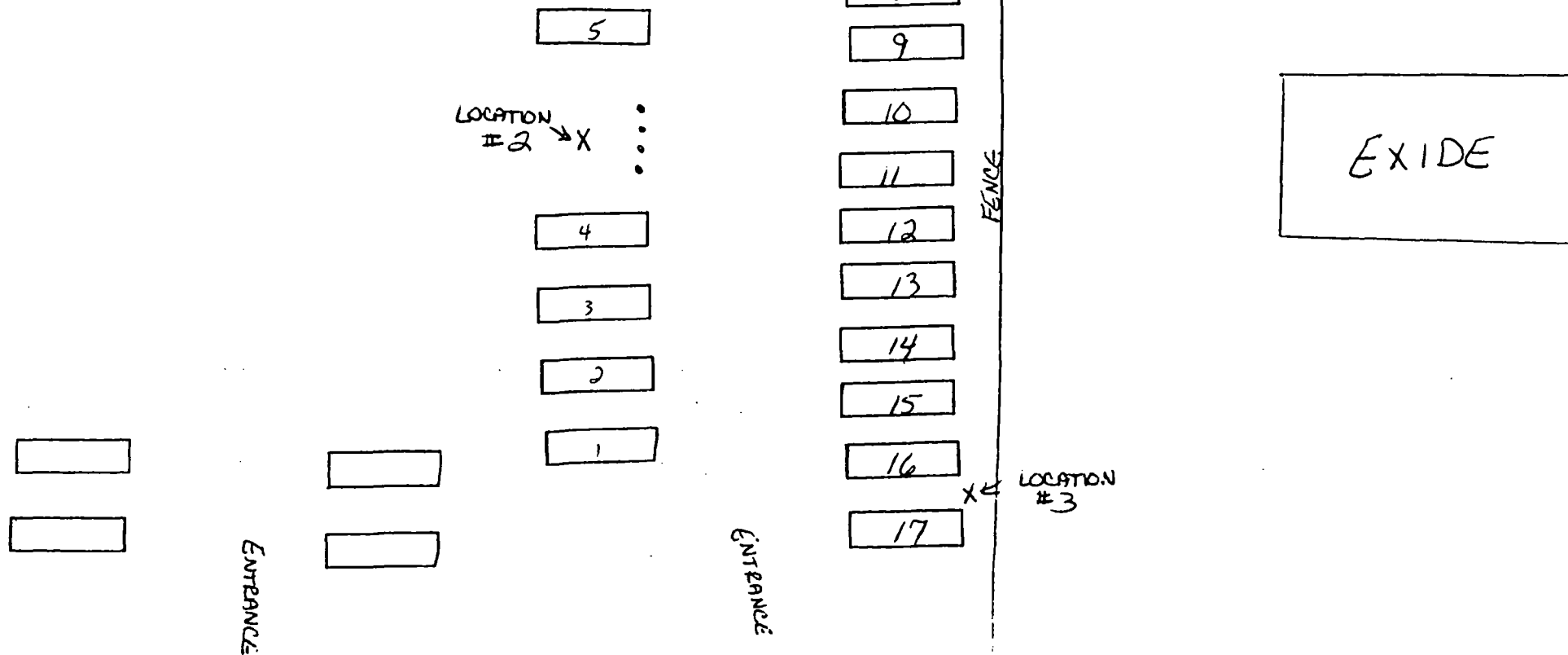
*insert copy in Airfiles  
W.B.B.  
PHE*

CIL SAMPLING LOCATIONS - WESTGATE MOBILE HOME PARK

NOT TO SCALE

SAMPLES COLLECTED 1-28-92

NOT ALL TRAILERS ARE PICTURED  
ma



OLD CHICK SPRINGS ROAD

2. ~~Feb~~ Tommy Hardy

51  
76

Comments:  $1.0 \times 10^{-8} \text{ mol/L}$  + P

RECEIVED  
FEB 25 1992  
EQ3 GREENVILLE

White - Central Office; Canary - District Office; Pink - ASD Central Lab

\*\*\*\*\*  
 SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
 ANALYTICAL SERVICES DIVISION LABORATORY REPORT  
 \*\*\*\*\*

SAMPLE NUMBER : 011908448  
 CHARGE NUMBER : PC  
 COLLECTED BY : T. HYDE  
 COUNTY : GREENVILLE  
 SAMPLE DESCRIPTION : EXIDE, WESTGATE MHP

FRIDAY FEBRUARY 21ST, 1992  
 RELEASE DATE : 02/21/92 14:33:50  
 DT COLLECTED : 01/28/92 15:05:00  
 SAMPLE MEDIUM : SED  
 STATION CODE : 41

ANALYSIS	STCRET	RESULT
ALUMINUM MG/KG	01108	13000
ARSENIC MG/KG	01003	INTERFERENCE
BARIUM MG/KG	01008	22
CADMIUM MG/KG	01028	<1.0
CHROMIUM MG/KG	01029	20
COPPER MG/KG	01043	5.3
LEAD MG/KG	01052	270
NICKEL MG/KG	01068	2.2
ZINC MG/KG	01073	210
ANTIMONY MG/KG	01098	<5.0
SELENIUM MG/KG	01148	INTERFERENCE

**RECEIVED**

FEB 25 1992

EQG GREENVILLE

COMMENTS:

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
ANALYTICAL SERVICES DIVISION LABORATORY REPORT

SAMPLE NUMBER : 0128923449  
CHARGE NUMBER : RC  
COLLECTED BY : T HYDE  
COUNTY : GREENVILLE  
SAMPLE DESCRIPTION : EXIDE, WESTGATE MHP

FRIDAY FEBRUARY 21ST, 1992  
RELEASE DATE : 02/21/92 14:33:51  
DT COLLECTED : 01/28/92 15:10:00  
SAMPLE MEDIUM : SED  
STATION CODE : #2

ANALYSIS

STORET RESULT

ALUMINUM MG/KG	01108	610
ARSENIC MG/KG	01003	INTERFERENCE
BARIUM MG/KG	01008	68
CADMIUM MG/KG	01028	<1.0
CHROMIUM MG/KG	01029	11
COPPER MG/KG	01043	14
LEAD MG/KG	01052	560
NICKEL MG/KG	01068	3.4
ZINC MG/KG	01093	78
ANTIMONY MG/KG	01098	<5.0
SELENIUM MG/KG	01148	INTERFERENCE

**RECEIVED**

FEB 25 1992

EQG GREENVILLE

COMMENTS:

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
ANALYTICAL SERVICES DIVISION LABORATORY REPORT

SAMPLE NUMBER : C12-928450

CHARGE NUMBER : RC

COLLECTED BY : T HYDE

COUNTY : GREENVILLE

SAMPLE DESCRIPTION : EXIDE, WESTGATE MHP

FRIDAY FEBRUARY 21ST, 1992

RELEASE DATE : 02/21/92 14:33:51

DT COLLECTED : 01/28/92 15:25:00

SAMPLE MEDIUM : SEC

STATION CODE : #3

ANALYSIS

STORET RESULT

ALUMINUM MG/KG

01108 9800

ARSENIC MG/KG

01003 INTERFERENCE

BARIUM MG/KG

01008 33

CADMIUM MG/KG

01028 <1.0

CHROMIUM MG/KG

01029 12

COPPER MG/KG

01043 12

LEAD MG/KG

01052 800

NICKEL MG/KG

01068 2.3

ZINC MG/KG

01093 350

ANTIMONY MG/KG

01098 <5.0

SELENIUM MG/KG

01148 INTERFERENCE

RECEIVED

FEB 25 1992

EQC GREENVILLE

COMMENTS: